

of the said heat treatment process according to at least some information obtained in step (e) or in step (d').--

--4. (amended) Method according to claim 1, characterized in that in step (a) or (a'), the type of heat treatment process implemented or to be implemented is chosen or selected from the group formed by cutting processes, welding processes, marking processes, heat spraying processes and combinations thereof.--

--5. (amended) Method according to claim 1, characterized in that in steps (a), (b) and/or (c) or (a') and/or (b'), the indication or the selection is made by the user via data or information acquisition and/or selection means.--

--6. (amended) Method according to claim 1, characterized in that, in step (f), the display is made on a touchscreen.--

--7. (amended) Method according to claim 1, characterized in that, in step (b) or in step (b'), the type of technical problem to be solved is a problem relating to:

- the choice of the consumables, the parameters of the process, the setting of a piece of equipment or of a fitting;

- health or safety;

- malfunction of a piece of equipment or a fitting;

- the productivity of the process;

- the quality of the work produced.--

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--8. (amended) Method according to claim 1, characterized in that in step (c) or in step (b'), at least one configuration parameter of the said heat treatment process is chosen from the voltage, the current, the feed rate of the filler wire, the speed of advance or welding speed, the nature of the filler wire or electrode, the nature of the shielding gas, its flow rate and/or its quality, the choice of solid flux associated with the wire in submerged-arc welding, the orientation and position of the welding torch with respect to the weld to be produced, the preparation and the thickness of the workpieces to be joined together or, in the case of cutting, the cutting speed and/or the gas used.--

--9. (amended) Method according to claim 1, characterized in that in step (d) or in step (c'), the processing of the indications or selections made by the user comprises:

(i) a comparison of the said indications or selections with reference information stored in at least one database or databank,

(ii) a proposal of at least one solution, of an explanation and/or of an answer to a question raised, the said solution, explanation and/or answer being stored in at least one database or databank.--

--10. (amended) Method according to claim 1, characterized in that a module for the automatic acquisition of the welding parameters and for the transmission of the said

23 welding parameters to a display screen is incorporated, allowing at least one of the said welding parameters to be displayed.--

22 --13. (amended) System according to claim 11, characterized in that the link between the user station and the central server comprises a remote communication network or line, especially the Internet network.--

--14. (amended) System according to claim 11, characterized in that it includes data transmission means allowing the choices or selections made by the user by means of the information acquisition and/or selection means to be transmitted to the said central server.--

R E M A R K S

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

Respectfully submitted,

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